

**COPY OF PAPERS
ORIGINALLY FILED**

2633
6
cc
5-3-2

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

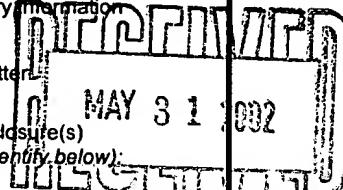
TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	09/833,138	RECEIVED
		Filing Date	April 10, 2001	
		First Named Inventor	Edwin Dair	MAY 28 2001
		Group Art Unit	2633	Technology Center 2600
		Examiner Name	Unassigned	
Total Number of Pages in This Submission	12	Attorney Docket Number	3918P002XXS	

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	



SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William E. Alford, Reg. No. 37,764 BLAKELY SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	May 7, 2002

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

May 7, 2002

Typed or printed name	Susan McFarlane		
Signature		Date	May 7, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MAY 21 2002

COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

Complete if Known

Application Number	09/833,138
Filing Date	April 10, 2001
First Named Inventor	Edwin Dair
Examiner Name	Unassigned
Group/Art Unit	2633
Attorney Docket No.	3918P002XXS

RECEIVED
MAY 28 2001

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of the application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
38	7	" = <input type="text"/>	X <input type="text"/> = <input type="text"/>	

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple Dependent claim, if not paid	
109	84	209	42	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)			

**or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet.
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for ex parte reexamination
112	920*	112	920* Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	400	216	200 Extension for reply within second month
117	920	217	460 Extension for reply within third month
118	1,440	218	720 Extension for reply within fourth month
128	1,960	228	980 Extension for reply within fifth month
119	320	219	160 Notice of Appeal
120	320	220	160 Filing a brief in support of an appeal
121	280	221	140 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,280	241	640 Petition to revive - unintentional
142	1,280	242	640 Utility issue fee (or reissue)
143	460	243	230 Design issue fee
144	620	244	310 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Processing fee under 37 CFR 1.17(q)
126	180	126	180 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.128(a))
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370 Request for Continued Examination (RCE)
169	900	169	900 Request for expedited examination of a design application
Other fee (specify)			
SUBTOTAL (3)		(\$)	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William E. Adford	Registration No. (Attorney/Agent)	37,764	Telephone	(714) 557-3800
Signature				Date	05/07/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Our Docket No.: 003918.P002XX5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Edwin Dair, et al.

Application No.: 09/833,138

Filed: April 10, 2001

For: **METHODS AND APPARATUSES
FOR MULTIBOARD FIBER OPTIC
MODULES AND FIBER OPTIC
MODULE ARRAYS**

Examiner: Unassigned

Art Group: 2633

RECEIVED

MAY 28 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants in accordance with their duty of disclosure under 37 CFR §1.56 and in accordance with 37 CFR §1.97(c)(2), submit the enclosed PTO-1449 Forms. Pursuant to 37 CFR 1.98(d), copies of the patents, publications and other information listed on the enclosed Form PTO-1449 are not included herewith. Copies of these references can be found in prior U.S. Patent Applications upon which this application claims the benefit thereof.

Pursuant to 35 USC 120, the above referenced U.S. Patent Application claims the benefit of and is a continuation-in-part of Application No. 09/321,308, filed May 27, 1999.

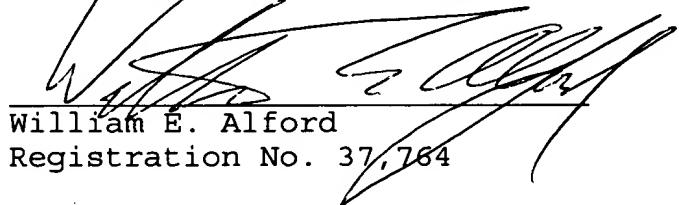
Pursuant to 37 CFR 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

This Information Disclosure Statement is being filed prior to a first office action or notice of allowance. Pursuant to 37 CFR §1.97(b), no fee is required for the filing of this Information Disclosure Statement.

Applicant respectfully requests that the cited documents be considered and that the enclosed PTO-1449 forms be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicant.

Respectfully submitted
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

Dated: May 7, 2002


William E. Alford
Registration No. 37,764

CERTIFICATE OF MAILING

12400 Wilshire Boulevard,
Seventh Floor
Los Angeles, California 90025
(714) 557-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: May 7, 2002.


Susan McFarlane 5/7/02
Date



Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 1 of 7

<i>Complete if Known</i>	
Application Number	09/833,138
Filing Date	04/10/01
First Named Inventor	Edwin Dair, et al.
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	003918.P002XX5

RECEIVED
MAY 28 2002

Technology Center 2600

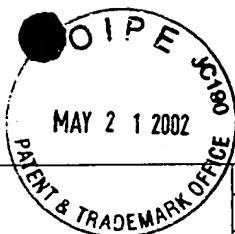
U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
		3,792,284	2/12/74	Kaelin			
		3,809,908	5/7/74	Clanton			
		3,870,396	3/11/75	Racki, et al.			
		3,976,877	8/24/76	Thilays			
		4,161,650	7/17/79	Caouette, et al.			
		4,229,067	10/21/80	Love			
		4,273,413	6/16/81	Bendikens, et al.			
		4,347,655	9/7/82	Zory, et al.			
		4,419,072	4/10/79	Smith, et al.			
		4,432,604	2/21/84	Schwab			
		4,446,515	5/1/84	Sauer, et al.			
		4,449,244	5/15/84	Kopainsky			
		4,461,537	7/24/84	Raymer, II, et al.			
		4,493,113	1/8/85	Forrest, et al.			
		4,533,209	8/6/85	Segerson, et al.			
		4,534,616	8/13/85	Bowen, et al.			
		4,535,233	8/13/85	Abraham			
		4,539,476	9/3/85	Donuma, et al.			
		4,542,076	9/17/85	Bednarz, et al.			
		4,549,782	10/29/85	Miller			

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 2 of 7

Substitute for Form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(Use as many sheets as necessary.)			
Sheet	2	of	7
		Application Number	09/833,138
		Filing Date	04/10/01
		First Named Inventor	Edwin Dair, et al.
		Group Art Unit	2633
		Examiner Name	Unassigned
		Attorney Docket Number	003918.P002XXS

RECEIVED
MAY 28 2002
Anology Center 260

U.S. PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
	4,549,783	10/29/85	Schmachtenberg, III			
	4,553,811	11/19/85	Becker, deceased, et al.			
	4,580,295	4/1/86	Richman			
	4,595,839	6/17/86	Braun, et al.			
	4,612,670	9/16/86	Henderson			
	4,625,333	11/25/86	Takezawa, et al.			
	4,647,148	3/3/87	Katagiri			
	4,678,264	7/7/87	Bowen, et al.			
	4,720,630	1/19/88	Takeuchi, et al.			
	4,727,248	2/23/88	Meur, et al.			
	4,807,955	2/28/89	Ashman, et al.			
	4,840,451	6/20/89	Sampson, et al.			
	4,844,581	7/4/89	Turner			
	4,881,789	11/21/89	Levinson			
	4,897,711	1/30/90	Blonder, et al.			
	4,913,511	4/3/90	Tabalba, et al.			
	4,945,229	7/31/90	Daly, et al.			
	4,979,787	12/25/90	Lichtenberger			
	4,986,625	1/22/91	Yamada, et al.			
	4,989,934	2/5/91	Zavracky, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 3 of 7

<i>Complete if Known</i>	
Application Number	09/833,138
Filing Date	04/10/01
First Named Inventor	Edwin Dair, et al.
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	003918.P002XX5

RECEIVED
MAY 28 2002
Technology Center 26C

U.S. PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
	5,005,939	4/9/91	Arvanitakis, et al.			
	5,011,246	4/30/91	Corradetti, et al.			
	5,039,194	8/13/91	Block, et al.			
	5,043,775	8/27/91	Lee			
	5,093,879	3/3/92	Bregman, et al.			
	5,099,307	3/24/92	Go, et al.			
	5,104,243	4/14/92	Harding			
	5,109,453	4/28/92	Edwards, et al.			
	5,117,476	5/26/92	Yingst, et al.			
	5,122,893	6/16/92	Tolbert			
	5,136,152	8/4/92	Lee			
	5,155,786	10/13/92	Ecker, et al.			
	5,159,190	10/27/92	Hohberg, et al.			
	5,168,537	12/1/92	Rajasekharan, et al.			
	5,202,943	4/13/93	Carden, et al.			
	5,241,614	8/31/93	Ecker, et al.			
	5,259,054	11/2/93	Benzoni, et al.			
	5,280,191	1/18/94	Chang			
	5,285,512	2/8/94	Duncan, et al.			
	5,289,345	2/22/94	Corradetti, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 4 of 7

<i>Complete if Known</i>	
Application Number	09/833,138
Filing Date	04/10/01
First Named Inventor	Edwin Dair, et al.
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	003918.P002XX5

RECEIVED
MAY 28 2002
Photography Center 26C

U.S. PATENT DOCUMENTS

Exam. Initials	Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
	5,295,214	3/15/94	Card, et al.			
	5,337,396	8/9/94	Chen, et al.			
	5,337,398	8/9/94	Benzoni, et al.			
	5,345,524	9/6/94	Lebby, et al.			
	5,361,244	11/1/94	Nakamura, et al.			
	5,414,787	5/9/95	Kurata			
	5,416,668	5/16/95	Benzoni			
	5,416,870	5/16/95	Chun, et al.			
	5,416,871	5/16/95	Takahashi, et al.			
	5,416,872	5/16/95	Sizer, II et al.			
	5,428,704	6/27/95	Lebby, et al.			
	5,434,747	7/18/95	Shibata			
	5,446,814	8/29/95	Kuo, et al.			
	5,452,387	9/19/95	Chun, et al.			
	5,455,703	10/3/95	Duncan, et al.			
	5,462,630	7/11/95	Lebby, et al.			
	5,473,715	12/5/95	Schofield, et al.			
	5,475,783	12/12/95	Kurashima			
	5,482,658	1/9/96	Lebby, et al.			
	5,499,311	3/12/96	DeCusatis			

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED

MAY 28 2002

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet

5

0

1

<i>Complete if Known</i>	
Application Number	09/833,138 Technology Cen
Filing Date	04/10/01
First Named Inventor	Edwin Dair, et al.
Group Art Unit	2633
Examiner Name	Unassigned
Attorney Docket Number	003918.P002XX5

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub- class	Filing Date (if appropriate)
		5,499,312	3/12/96	Hahn, et al.			
		5,515,468	5/7/96	DeAndrea, et al.			
		5,528,408	6/18/96	McGinley, et al.			
		5,535,296	7/9/96	Uchida			
		5,537,391	8/9/94	Lebby			
		5,546,281	8/13/96	Poplawski, et al.			
		5,548,677	8/20/96	Kakii, et al.			
		5,550,941	8/27/96	Lebby, et al.			
		5,561,727	10/1/96	Akita, et al.			
		5,596,663	1/21/97	Ishibashi, et al.			
		5,636,298	6/3/97	Jiang, et al.			
		5,687,267	11/11/97	Uchida			
		5,708,743	1/13/98	DeAndrea, et al.			
		5,717,533	2/10/98	Poplawski, et al.			
		5,734,558	3/31/98	Poplawski, et al.			
		5,736,782	4/7/98	Schairer			
		5,751,471	5/12/98	Chen, et al.			
		5,767,999	6/16/98	Kayner			
		5,774,614	6/30/98	Gilliland,et al.			
		5,778,127	7/7/98	Gilliland, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED

MAY 28 2002

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Use as many sheets as necessary.

Substitute for Form 1449A/PTO		<i>PATENT & TRADEMARK OFFICE</i>		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary.)</i>		Application Number		09/833,138	
		Filing Date		04/10/01	
		First Named Inventor		Edwin Dair, et al.	
		Group Art Unit		2633	
		Examiner Name		Unassigned	
Sheet	6	of	7	Attorney Docket Number	
003918.P002XX5					

center 2600

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/06B (10-98)

Approved for use through 10/31/99. OMB 0651-0031

PATENT AND TRADEMARK OFFICE: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

RECEIVED

<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary.)</i></p>		<i>Complete if Known</i>	
		Application Number	09/833,138
		Filing Date	04/10/01
		First Named Inventor	Edwin Dair, et al.
		Group Art Unit	2633
Examiner Name	Unassigned		
Sheet	7	of	7
		Attorney Docket Number	

OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.